

NAVAIR AIRCRAFT WIRING STANDARDIZATION AND QUALIFICATION PROGRAM

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WIRING RESPONSIBILITIES

PURPOSE OF PROGRAM

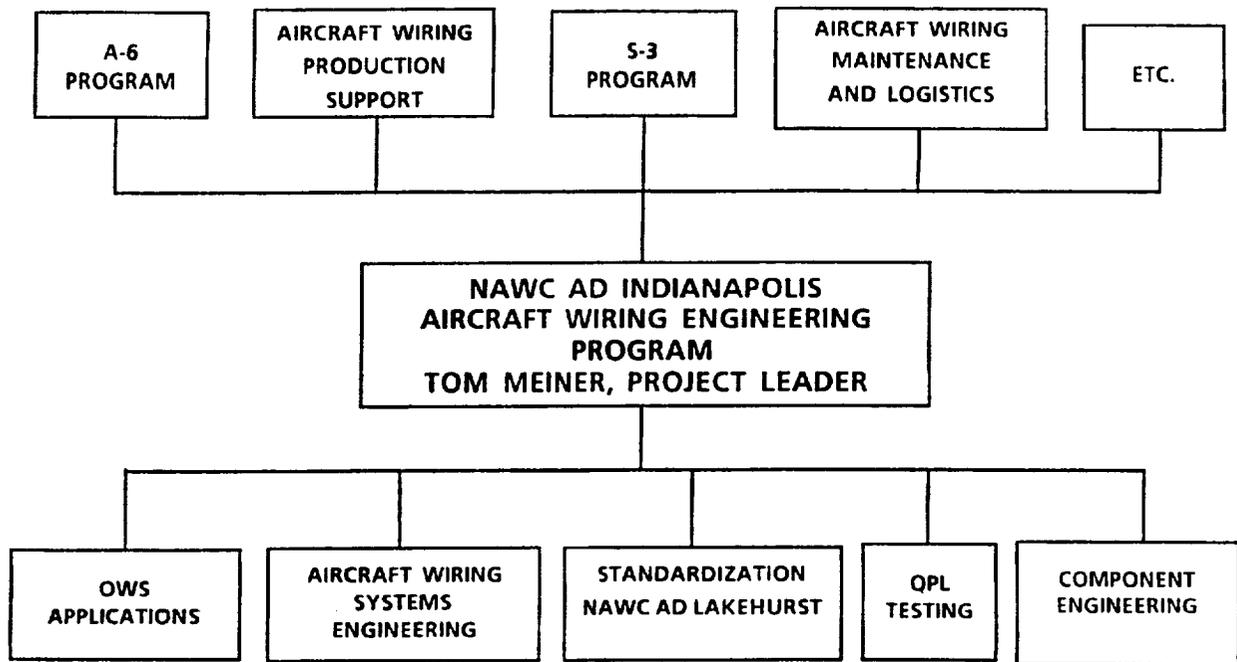
MEASUREMENT OF PROGRAM EFFECTIVENESS

RESULTS

SUMMARY

RESPONSIBILITIES

- DESIGN AND DEVELOP WIRING SYSTEMS
- CONDUCT ENGINEERING INVESTIGATIONS
- WIRING TESTING AND EVALUATION ACTIVITY
(INCLUDING RECEIVING/INSPECTION)
- QUALIFICATION AGENT/TEST FACILITY
- WIRING MAINTENANCE AND LOGISTICS ENGINEERING
- HARNESS MANUFACTURING



PURPOSE OF PROGRAM

- TO PROVIDE THE MOST COST EFFECTIVE, RELIABLE WIRING COMPONENTS AND SYSTEMS TO OUR CUSTOMERS

WORKLOAD OF PROGRAM

(NUMBERS ARE APPROXIMATE)

- TECHNICAL AGENT FOR 90 SPECIFICATIONS
- QUALIFICATION AGENT FOR 80 OF THESE SPECIFICATIONS
- 300 QUALIFICATION PROJECTS PER YEAR
- 10 - 15 MAJOR COMPONENT EVALUATIONS PER YEAR

EFFECTIVENESS OF PROGRAM

- 50% FAILURE RATE ON INITIAL QUALIFICATION SUBMITTALS
- 30% FAILURE RATE IN RETENTION OF QUALIFICATION PROGRAM
- CORRECTIVE ACTION RESULTS IN OVER 90% APPROVAL RATE
- 80 - 90% OF FAILURES ARE PERFORMANCE RELATED VS. DOCUMENTATION
- 20% REJECTION RATE ON RECEIVING/INSPECTION, 25% OF THESE REJECTIONS ARE QPL PRODUCTS

RESULTS

QUALIFICATION CAN IMPROVE QUALITY BY 75%

QUALIFICATION PROGRAM REDUCES TESTING/COST

HIGHER QUALITY PRODUCTS REDUCE SYSTEM DOWNTIME

MUST BE SUPPLEMENTED BY CUSTOMER'S QUALITY ASSURANCE PROGRAM

